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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/758,376      | 01/12/2001  | Kenji Sakamaki       | 21.1987/WMS         | 9471             |

21171 7590 03/02/2005

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| EXAMINER |
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DU, THUAN N

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| ART UNIT | PAPER NUMBER |
|----------|--------------|

2116

DATE MAILED: 03/02/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

|                              |                                      |  |  |
|------------------------------|--------------------------------------|--|--|
| <b>Office Action Summary</b> | <b>Application No.</b><br>09/758,376 | <b>Applicant(s)</b><br>SAKAMAKI ET AL. |  |
|                              | <b>Examiner</b><br>Thuan N. Du       | <b>Art Unit</b><br>2116                |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 13 December 2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 December 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED ACTION**

1. It is hereby acknowledged that the following papers have been received and placed of record in the file: Amendment and Drawings (dated 12/13/04).
2. Claim 19 has been added. Claims 1-18 are presented for examination.
3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

#### ***Claim Objections***

4. Claims 3, 4 and 8-17 are objected to because of the following informalities: the phrase "A computer" at the beginning of each of the claim should be -- The computer --. Appropriate correction is required.

#### ***Claim Rejections - 35 USC § 112***

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:  

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
  6. Claim 3 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
  7. Claim 3 recites the limitation " the setting items that are not reflected in the use environment " in line 2. There is insufficient antecedent basis for this limitation in the claim.
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***Claim Rejections - 35 USC § 103***

8. Claims 1-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Applicant's admission of prior art [AAPA], Hara (Japan Pat. No. JP411143691A) and Nagasaki (Japan Pat. No. JP404102929A).

9. Regarding claims 1, 2 and 7, AAPA teaches a system substantially as claimed comprising a setup function setting and display device identifying predetermined setting items among a plurality of setting items [Fig. 5]. AAPA does not explicitly teach that the identification is based on setup use history during a previous power source cycle, the predetermined setting items having no setup use history or modification history. Moreover, AAPA does not explicitly teach that the predetermined setting items are displayed in a manner recognizable from other setting item.

Nagasaki teaches a system comprising a memory for storing setup history information, wherein predetermined setting items (the differences between the history information and the initial information) are detected [Constitution]. Nagasaki does not teach that the predetermined setting items are displayed.

Hara teaches a system comprising a memory for storing set up history information [memory 6; par. 0006] and a display [display 2] for displaying the setting items (setting items independent of OS and setting items depending on OS are displayed separately) [abstract; par. 7-9].

It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of AAPA, Nagasaki and Hara because it would increase the

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flexibility of the system by allowing only the setting items having no setup use history or modification history to be displayed.

10. Claims 3, 4 and 8-17 are directed to apparatuses implementing the computer system of claims 1, 2 and 7. As stated above, AAPA, Nagasaki and Hara teach the invention substantially as set forth in claims 1, 2 and 7. At the time of the invention, one of ordinary skill in the art would have readily recognized that AAPA, Nagasaki and Hara may also teach the implementations of claims 1, 2 and 7 as set forth in claims 3, 4 and 8-17. As such, claims 3, 4 and 8-17 are rejected under same rationale with respect to claims 1, 2 and 7.

11. Regarding claims 5, 6, 18 and 19, since they recite method of operating of the apparatus defined in the apparatus claims, they are rejected accordingly based on the rejection of the apparatus claims.

### *Conclusion*

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thuan N. Du whose telephone number is (571) 272-3673. The examiner can normally be reached on Monday and Wednesday - Friday: 9:30 AM - 8:00 PM, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynne H. Browne can be reached on (571) 272-3670.

Central TC telephone number is (571) 272-2100.

The fax number for the organization is (703) 872-9306.

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13. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll free).

A handwritten signature in black ink, appearing to read 'Thuan N. Du', with a stylized flourish at the end.

Thuan N. Du  
February 26, 2005